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MU-7000AV

3.5" Network Multimedia Player

User's Manual

Declaration of Conformity

We, Manufacturer/Importer

OvisLink Corp.

5F., NO.6, Lane 130, Min-Chuan Rd.,

Hsin-Tien City, Taipei County, Taiwan

Declare that the product

3.5" Network Multimedia Player

MU-7000AV

is in conformity with

In accordance with 89/336 EEC-EMC Directive and 1999/5 EC-R & TTE Directive

Clause	Description
■ **EN 55022:1998/A1 :2000/A2:2003**	Limits and methods of measurement of radio disturbance characteristics of information technology equipment
■ **EN 61000-3-2:2000/ A1:2001/A2:2005**	Disturbances in supply systems caused by household appliances and similar electrical equipment "Harmonics"
■ **EN 61000-3-3:1995/ A1:2001/A2:2005**	Disturbances in supply systems caused by household appliances and similar electrical equipment "Voltage fluctuations"
■ **EN 55024:1998/A1 :2001/A2:2003**	Information Technology equipment-Immunity characteristics-Limits And methods of measurement
■ **CE marking**	CE

Manufacturer/Importer

Signature：

Name ： **Albert Yeh**

Position/ Title ： **Vice President**

Date： **2007/4/30**

(Stamp)

MU-7000AV CE Declaration Statement

Country	Declaration	Country	Declaration
cs Česky [Czech]	OvisLink Corp. tímto prohlašuje, že tento MU-7000AV je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.	**lt** Lietuvių [Lithuanian]	Šiuo OvisLink Corp. deklaruoja, kad šis MU-7000AV atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
da Dansk [Danish]	Undertegnede OvisLink Corp. erklærer herved, at følgende udstyr MU-7000AVoverholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.	**nl** Nederlands [Dutch	Hierbij verklaart OvisLink Corp. dat het toestel MU-7000AV in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
de Deutsch [German]	Hiermit erklärt OvisLink Corp., dass sich das Gerät MU-7000AVin Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.	**mt** Malti [Maltese]	Hawnhekk, OvisLink Corp, jiddikjara li dan MU-7000AV jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
et Eesti [Estonian]	Käesolevaga kinnitab OvisLink Corp. seadme MU-7000AV vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.	**hu** Magyar [Hungarian]	Alulírott, OvisLink Corp nyilatkozom, hogy a MU-7000AV megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
en English	Hereby, OvisLink Corp., declares that this MU-7000AV is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.	**pl** Polski [Polish]	Niniejszym OvisLink Corp oświadcza, że MU-7000AV jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
es Español [Spanish]	Por medio de la presente OvisLink Corp. declara que el MU-7000AVcumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.	**pt** Português [Portuguese]	OvisLink Corp declara que este MU-7000AVestá conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
el Ελληνική [Greek]	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ OvisLink Corp. ΔΗΛΩΝΕΙ ΟΤΙ MU-7000AV ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.	**sl** Slovensko [Slovenian]	OvisLink Corp izjavlja, da je ta MU-7000AV v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
fr Français [French]	Par la présente OvisLink Corp. déclare que l'appareil MU-7000AV est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE	**sk** Slovensky [Slovak]	OvisLink Corp týmto vyhlasuje, že MU-7000AV spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
it Italiano [Italian]	Con la presente OvisLink Corp. dichiara che questo MU-7000AV è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.	**fi** Suomi [Finnish]	OvisLink Corp vakuuttaa täten että MU-7000AV tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen
lv Latviski [Latvian]	Ar šo OvisLink Corp. deklarē, ka MU-7000AV atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.	Íslenska [Icelandic]	Hér með lýsir OvisLink Corp yfir því að MU-7000AV er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
sv Svenska [Swedish]	Härmed intygar OvisLink Corp. att denna MU-7000AV står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.	**no** Norsk [Norwegian]	OvisLink Corp erklærer herved at utstyret MU-7000AV er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.

A copy of the full CE report can be obtained from the following address:

OvisLink Corp.
5F, No.6 Lane 130,
Min-Chuan Rd, Hsin-Tien City,
Taipei, Taiwan, R.O.C.

This equipment may be used in AT, BE, CY, CZ, DK, EE, FI, FR, DE, GR, HU, IE, IT, LV, LT, LU, MT, NL, PL, PT, SK, SI, ES, SE, GB, IS, LI, NO, CH, BG, RO, TR

MU-7000AV

User's Manual

FCC COMPLIANCE STATEMENTS

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the Distance between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

TRADEMARKS

MS-DOS, Windows, Windows 95/98/NT/2000/me/XP are trademarks of Microsoft Corporation.

Macintosh and Mac are trademarks of Apple Computer

*All of the third-party brands and names are the property of their respective owners.

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1. Before You Get Started

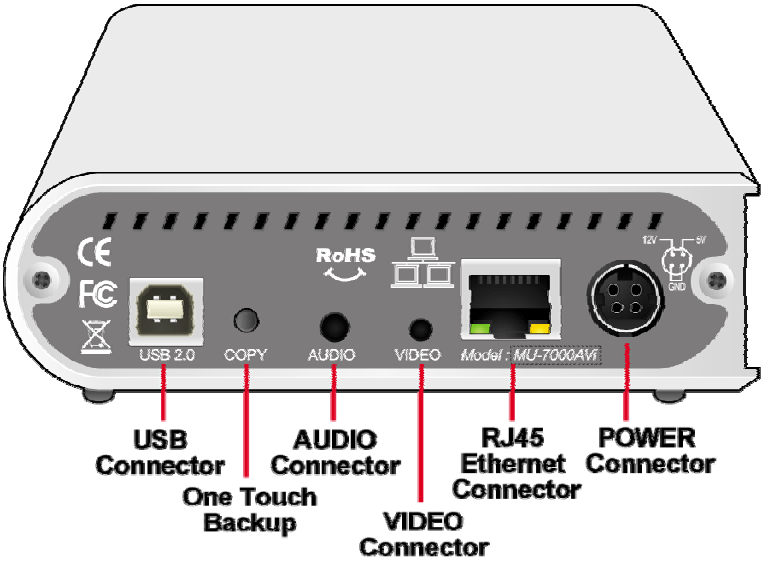
1.1 Safety Instructions

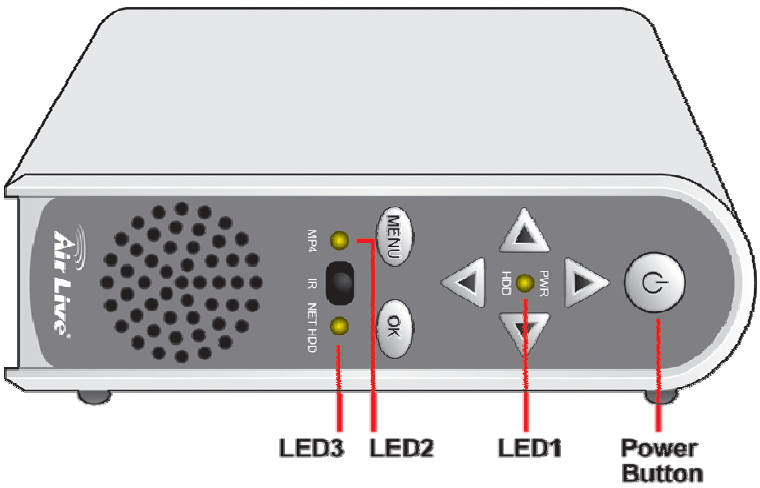
1. Always unplug the power cord before inserting Hard Drive.
2. Using a power supply with a different voltage rating will damage the product and void its warranty.
3. Keep this equipment away from humidity or any type of moisture.
4. Do not drop or shack the device.
5. Do not press or put any weight on the device.
6. Do not clean the device with alcohol, thinner or benzene.

1.2 Preliminary Tools

To install Hard Drive into your MU-7000AV, you need a cross screwdriver for following procedures.

1.3 Take a look at the MU-7000AV:





2. Easy Installation Guide

2.1 Package Contents

MU-7000AV x 1

Power Adapter x 1、Power Adapter Cable x 1

Audio cable x 1、Video cable x 1

USB cable x 1、Ethernet Cable x 1

Remote control

User Manual x 1、Software Installation CD x 1

2.2 Specifications

Application：Any 3.5 inch hard disk (IDE interface)

Output Port：Composite video（NTSC/PAL）、S-video（NTSC/PAL）、Stereo Audio jack

2.3 Supported Hard Disk Formats

USB Enclosure：FAT32、NTFS

Media File Playback Mode：FAT32 only

NDAS Mode：FAT32、NTFS

2.4 Minimum System Requirements

Windows® 98SE / ME / 2000 / XP / Server 2003（32bit）

233 MHz Pentium® II or higher

128 MB RAM (256 MB recommended)

USB 1.1 Port (USB 2.0 recommended)

CD-ROM drive for installation

100Base-T full duplex switch for NDAS mode

Mac® OS

Mac OS X 10.3 or greater

128 MB RAM (256 MB recommended)

USB 1.1 Port (USB 2.0 recommended)

CD-ROM drive for installation

100Base-T full duplex switch for NDAS mode (for **Lan Share** Only)

2.5 Supported Media Playback Formats

Video：MPEG1（VCD、SVCD、DAT）、 MPEG2（AVI、VOB）、MPEG4（AVI、DivX、XviD）

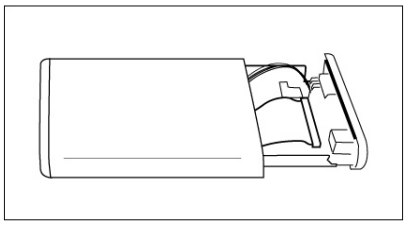
Subtitle：ass、psb、smi、ssa、srt、sub-txt

Music：MP3

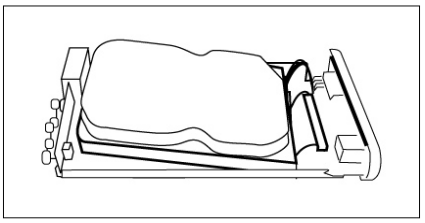
Photo：JPEG

2.6 Hardware Installation

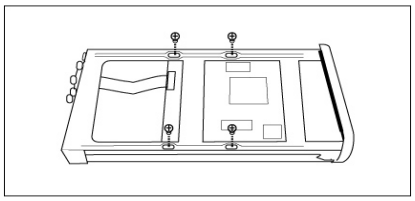
Step1



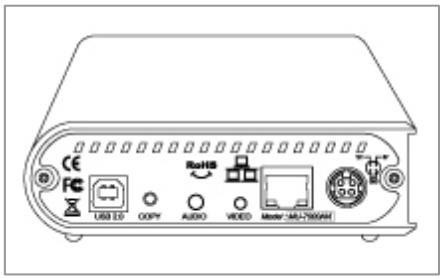
Step2



Step3



Step4



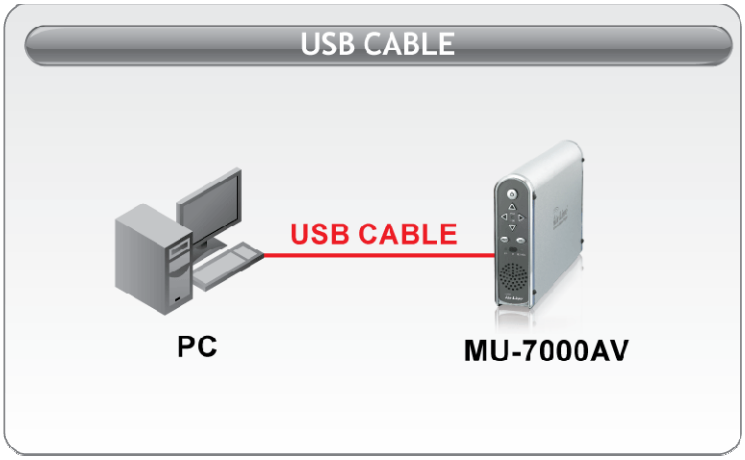
3. Using MU-7000AV

3.1 USB Enclosure

1. Connect the power cable then power on it (push the power button for 2~4 seconds).
2. Connect the USB cable to your computer.
3. When your hard disk is detected by your computer, LED1 is on.

3.1.1 USB OTB (One Touch Backup)

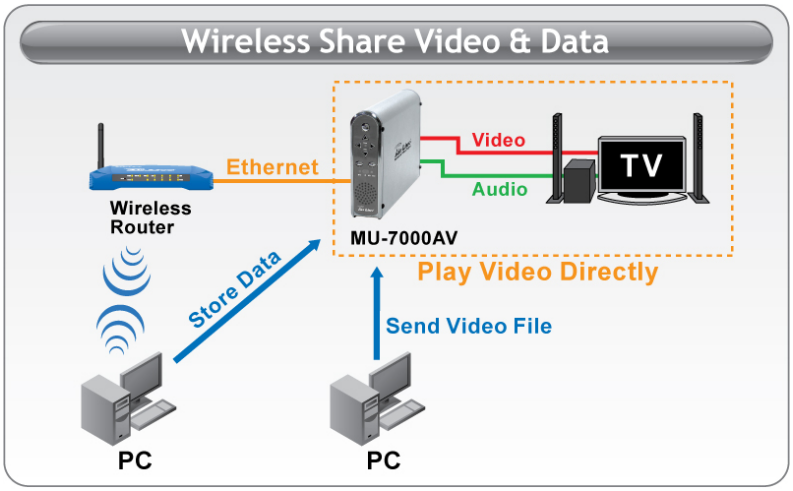
1. Install the Setup_v1.5.exe from OTB in the Software Install CD.
2. Setup the folder or partition you want to copy, and push the button. The OTB function will start automatically.



Note： If you plug the MU-7000AV into computer with USB, media file playback and NDAS will not work.

3.2 Media File Playback Mode

1. Please connect the Audio and Video cables between MU-7000AV and TV as shown in the figure below.
2. Please plug in the power adaptor and power on your TV.
3. Please change your TV mode to AV mode.
4. Push the POWER button for 2~4 seconds.
5. Now, you can enjoy it.



※ Note： If your image and subtitle are separated, please put them in the same folder and then copy to your MU-7000AV. Remember that the image and the subtitle must have the same filename.

3.2.1 MU-7000AV Firmware Upgrade

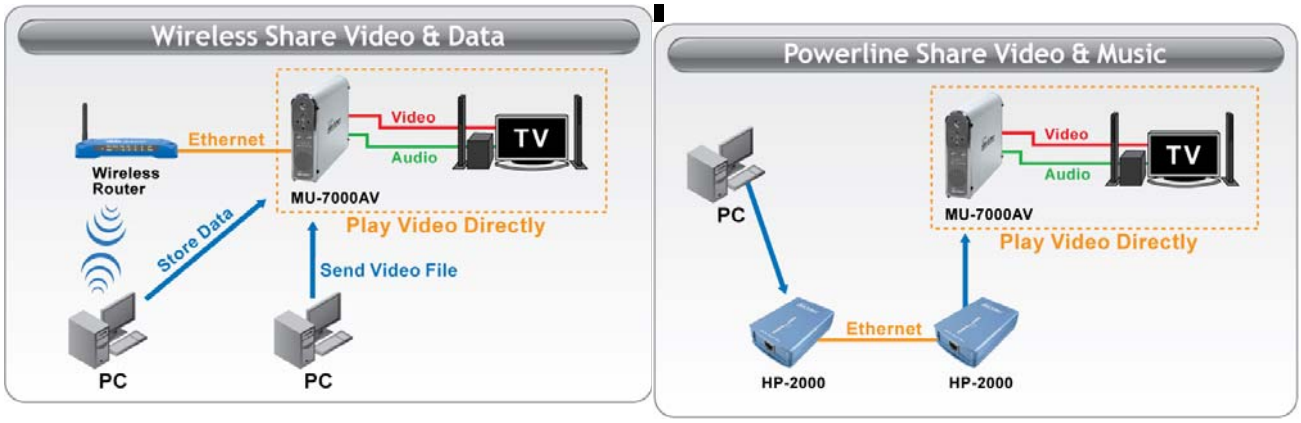
1. Please copy the new firmware file that you want to update from CD to your first partition of the hard disk. (Please confirm that the first partition is FAT32.)
2. Please connect the Video and power cable, and power on the MU-7000AV.
3. Enter the TV mode, and move your cursor on the new firmware “Mu7000.rom”.
4. Push the “OK” key to enable the upgrade procedure.
   ※ Attention： Do not turn off the power when firmware upgrade procedures are under processing. It will fail upgrade procedures and damage the MU-7000AV.
5. When the upgrade screen is gone, it means firmware upgrade has already finished.

3.2.2 TV Lock Function

1. This function will only lock the second partition if there are several partitions in your hard disk. You cannot enter the partition unless input correct password.
2. The screen will display a keyboard when you want to enter locked partition, Please input the default password (the default password is 0000） when you use this function for the first time.
3. Please use the up、down、left、right and play key on the remote control to move or execute input function.
4. If you want to change the password, please choose the change key in the keyboard. Input the old password and then input the new password, then press OK. Now the new password is that you want

3.3 LAN Share Device Setup Overview (NDAS Mode)

1. Connect the included Ethernet cable from the Ethernet port on LAN Share to a switch (100 Base-T).
2. Wireless users: Connect LAN Share to your wireless router or access point with included Ethernet cable.
3. Make sure the power connector is firmly attached to the LAN Share and connect the power adapter to a power source.



3.4 Switching between TV Mode and NDAS mode

Push the “Power” button on the MU-7000AV or the remote control, then the LED will light up between “MP4” and “NET HDD“. When the “MP4” LED is on, Media File Playback mode is active. When the “NET HDD” LED is on, NDAS mode is active.

4. Remote Control Features

Key pad	Function Description
OK	Plays or executes the current selection.
UP	Moves the cursor up on the screen.
DOWN	Moves the cursor down on the screen.
LEFT	Moves the cursor left on the screen.
RIGHT	Moves the cursor right on the screen.
PHOTO	PHOTO Mode.
MUSIC	MUSIC Mode.
VIDEO	VIDEO Mode.
FILE	FILE Mode.
MAIN MENU	Go to the main menu.
SETUP	Setup and customize the settings of MU-7000AV.

INFO	See the information of the file.
REV	Fast reverse in Music or Video.
PAUSE	Interrupts file playback.
FWD	Fast forward in Music or Video.
LASTPAGE	Jump to last page.
PLAY	Continue play back.
NEXTPAGE	Jump to next page.
PREVIEW	Previous file.
STOP	Terminate the selected mode.
NEXT	Next file.
VOL+	Increase the volume.
VOL -	Decrease the volume.
MUTE	Turn off the sound.
AUDIO	Choose the sound channel.
REPEAT	Repeat setup when photo、music and video are playing.
SLIDESHOW	Music playback under slideshow with photo.
ROTATE	Rotate the photo.
ZOOM	Zoom-in control (1x, 3x, off)
TRANSITION	Allows you to choose the sound mode.
TV/VGA	Change display between VGA and TV

PLAY/OK	Takes you to play or execute the current selection.
UP	Direction button to move cursor on the screen.
DOWN	Direction button to move cursor on the screen.
LEFT	Direction button to move cursor on the screen.
RIGHT	Direction button to move cursor on the screen.
MAIN MENU	Takes you to the main menu.
POWER	Power switch

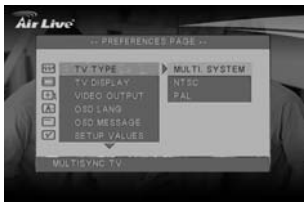
5. Starting Quick Media Play

To start Quick Media Play, do the followings：

1. Press ’Setup’ button to enter the SETUP MENU-MAIN PAGE.
2. Choose ’Preferences’ and check ’TV TYPE’ is ’MULTI SYSTEM’ or not
3. After setup, choose ’Exit Setup’ return to main menu.

Notes：

1. Default setup of TV type is MULTI SYSTEM.
2. MULTI SYSTEM includes NTSC type and PAL type.
3. NTSC（Taiwan, US, Japan…etc）
4. PAL（Mainland China / European countries）



5.1 PHOTO PLAY MODE

You can press arrow key to select ’PHOTO’ mode in MAIN MENU or press ’PHOTO’ on the remote control, or you can press ’FILE’ to enter ’ File Library’ to search the file you want to play.

FULL SIZE DISPLAY

You can press ’ OK’ button on the remote control to show the Full-size picture. The screen will be shown as right.

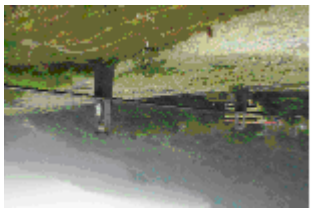
ZOOM IN DISPLAY

You can press ’Zoom’ button on the remote control to zoom in the picture and press ’Zoom’ button again to disable. You can press arrow keys to move picture. The screen will be shown as below.

Zoom Off　　Zoom In × 1　　Zoom In × 3

ROTATE SIDPLAY

You can press ’ROTATE’ button on the remote control to rotate the picture in clockwise direction.

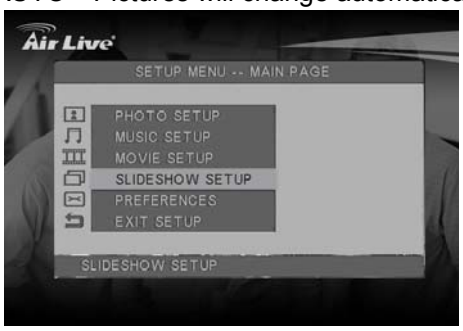


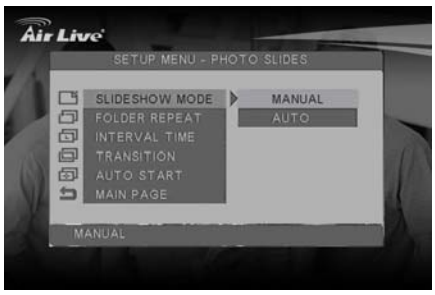
SLIDE SHOW SETUP

Press 'Setup' button to enter the SETUP MENU-MAIN PAGE and select SLIDESHOW SETUP for play-mode selection.

MANUAL：You must press '▲' or '▼'button to change your picture.

AUTO：Pictures will change automatically.





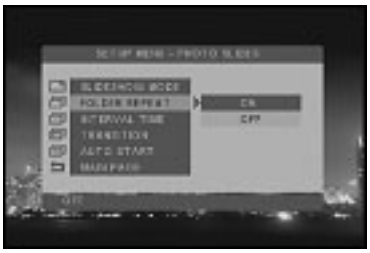
FOLDER REPEAT

This item can setup folder repeat in slideshow.

Press '▲' or '▼'button on the remote control to select your play mode.

ON：All photo files display automatically.

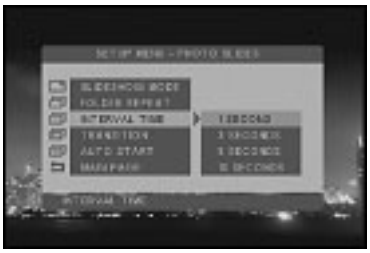
OFF：Single photo file display automatically.



INTERVAL TIME

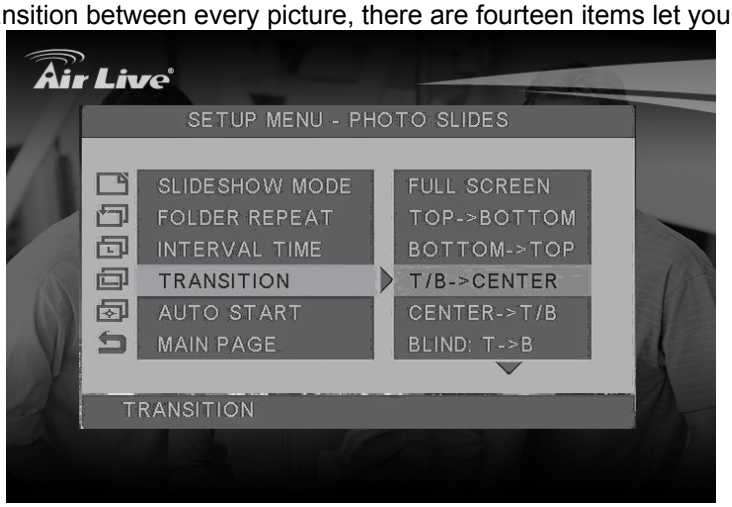
This item can setup interval time between every picture

Press '▲' or '▼' button on the remote control to select slideshow interval time



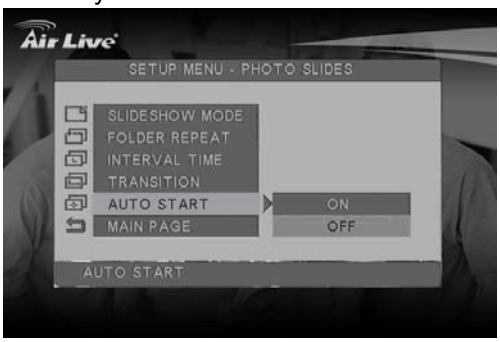
TRANSITION

This item can setup transition between every picture, there are fourteen items let you to choose.



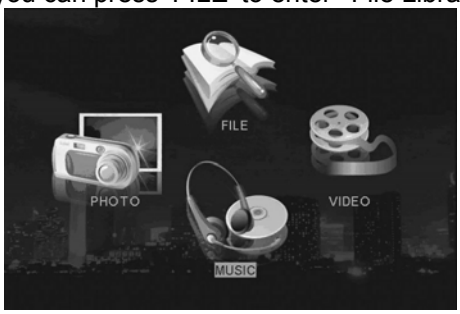
FULL SCREEN：Change picture with full screen.
TOP->BOTTOM：Change picture from top to bottom.
BOTTOM->TOP：Change picture from bottom to top.
T/B->CENTER：Change picture from top and bottom to center.
CENTER->T/B：Change picture from center to top and bottom.
BLIND:T->B：Change picture from top to bottom like blind.
LEFT->RIGHT：Change picture from left to right.
RIGHT->LEFT：Change picture from right to left.
L/R->CENTER：Change picture from left and right to center.
CENTER->L/R：Change picture from center to left and right.
IMPLODE：Change picture from around to center.
BLIND:L->R：Change picture from left to right like blind.
CROSS FADE：Change picture cross fade.
RANDOM：Change picture in random mode.

AUTO START
This item allows you to play your video files without going to MAIN MENU
Press '▲' or '▼' button on the remote control to select your play mode.
ON：Video file will play automatically when you power on MU-7000AV.
OFF：You must play video file manually.



5.2 MUSIC PLAY MODE

MUSIC mode allows you to view your MP3 files.
You can press arrow key to select 'MUSIC' mode in MAIN MENU or press 'MUSIC' on the remote control, or you can press 'FILE' to enter ' File Library' to search the file you want to play.



PLAYBACK
Press '▲' or '▼'button on the remote control to select the file you want to play.
You can press 'EQ' button on the remote control to change the EQ mode.（Classic、Jazz、Rock、PoP、Ballad、Dance）

REPEAT PLAY

Press 'Setup' button to enter the SETUP MENU-MAIN PAGE and select MUSIC SETUP to select your play mode.

You can press '▲' or '▼'button on the remote control to select your play mode

ONE：The same song will play repeatedly.

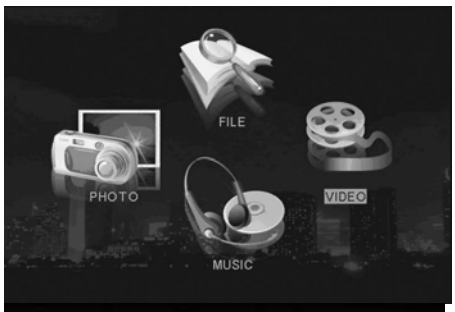
OFF：Music will stop to play when songs played once from first to last.

ALL：All songs will repeatedly play continued.

5.3 VIDEO PLAY MODE

VIDEO mode allows you to view your video files.

You can press arrow key to select 'VIDEO' mode in MAIN MENU or press 'VIDEO' on the remote control, or you can press 'FILE' into' File Library' to search the file you want to play.

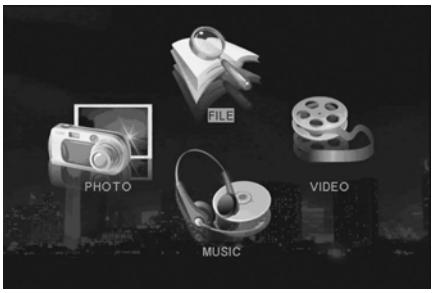


- Pause or start/resume playback, press the button 'PAUSE' on your remote control.
- Stop playback, press the button 'STOP' on your remote control.
- To move to previous video file, press the button 'PREVIOUS' or 'REV' on your remote control.
- To move to next video file, press the button 'NEXT' or 'FWD' on your remote control.

5.4 FILE LIBRARY

File library allows you to view all your media files and browse your play list.

- Use the arrow keys on your remote control to quick search the file you want to play.
- Press 'OK' button on your remote control to play the file



DELETE、RENAME、NEW FOLDER、CANCEL

Press ' INFO' button on the remote control in the file library, you can delete、rename the file and folder, you also can create a new folder.

DELETE：Delete file.

RENAME：Create new file name of file.

NEW FOLDER：Create a new folder.

CANCEL：Cancel the function that you want to do

5.5 OTHER SETUP

You can execute the setup of OSD LANG、OSD MESSAGE and SETUP VALUES in PREFERENCES PAGE.

OSD LANG：Choose the language that you want to use.

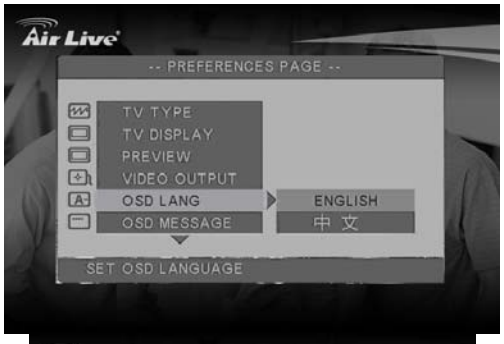
PREVIEW：Preview window on/off.

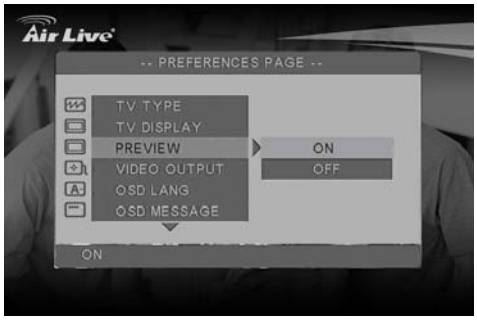
OSD MESSAGE：Turn on or turn off OSD MESSAGE.

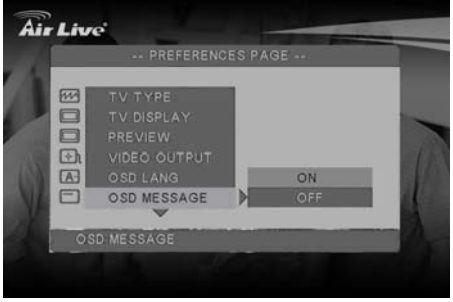
Notes：If you turn on this item, you can see the icon at your TV upper left corner when you execute REV or FWD function.

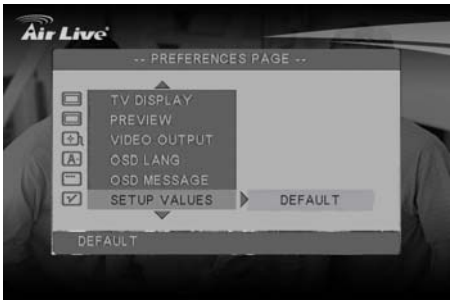
SETUP VALUES：Setup VALUES in default mode.

Notes：If you execute this item, all setup values will return to default values.







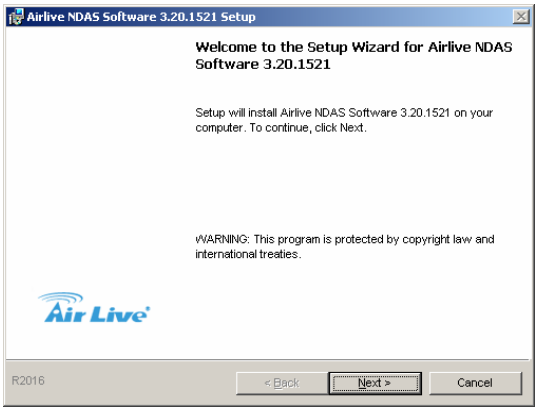


6. Network Hard Disk (AirLive NDAS Mode)

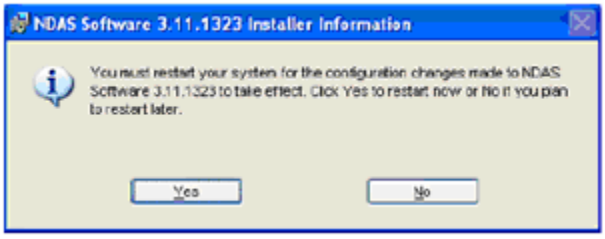
6.1 Use With NETDISK Mode in Windows System

6.1.1 Install LAN Share Device Management in Windows XP、Windows 2000 and Server 2003

1. Find NDAS control AP in the driver CD, double click **setup.exe**, than choose the language what you need



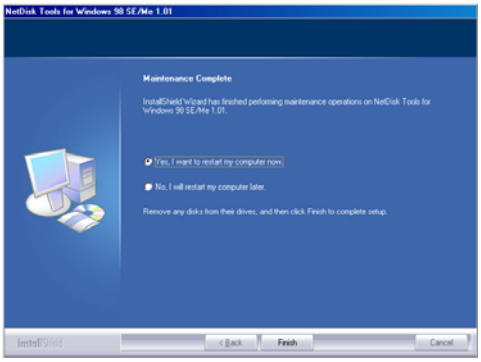
2. Install Shield Wizard will appear. Click the **Next** button to continue to next step.
3. Accept License Agreement and the click **Next** to continue installation.
4. Click the Install button to install drivers.
5. Click Continue Anyway to continue installation.
6. Click the **Finish** button to complete.
7. Click on the **Yes** button to restart your computer now, or **No** to restart later.（Propose reboot）



6.1.2 Install NDAS Device Management in Windows ME and Windows 98SE

1. Find the LAN Share control AP from the driver CD, double click it and start to install.

2. **Install Shield Wizard** will appear，click **Next**.
3. Select **I accept the terms in the license agreement**, then click **Next**.
4. Click **Install**.
5. Put in the Windows 98SE CD, click **OK**.
6. Select **Yes, I want to restart my computer now** then click **Finish** restart the computer.



7. If this is your first time installing LAN Share, **Add New Hardware Wizard** will appear. Click **Next** and follow further instructions. Otherwise, MU-7000AV will be listed as a local drive on **My Computer**. Driver letter and name may vary between Personal Computers.

8. Select **Search for the best driver for your device.** Click **Next**.
9. Select **Specify a location** and click **Browse** button**.** From the **Browse for Folder** window, search for **NDASUSB** folder and click **OK**. Once the location is set, click **Next** from the **Add New Hardware Wizard** window.
10. Click **Next.**
11. Driver has been successfully installed, click **Finished**.

6.1.3 NDAS Administrator

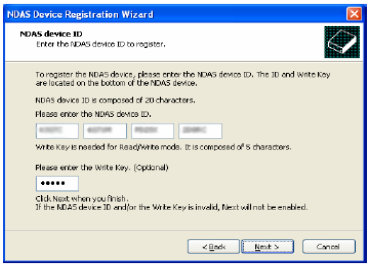
When software installation is completed, you will find a NDAS Launcher Icon on your desktop screen and a NDAS Administrator Tool icon on the system tray.

1. NDAS Launcher (desktop icon) activates and loads the NDAS Administrator Tool onto the system tray.
2. NDAS Administrator Tool (system tray icon) performs the following functions：

- Refresh NDAS Status
- Add a NDAS
- Display Software Version
- Enable Read / Write Access
- Enable Read Only Access
- Disable a NDAS
- Edit NDAS Name
- Display NDAS Properties

6.1.4 Add / Register a New NDAS Device using the Registration Wizard

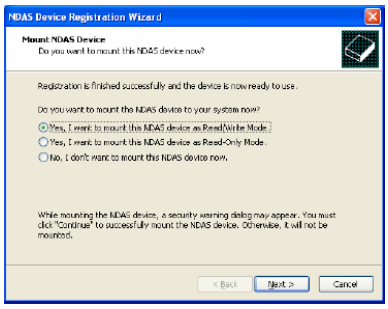
1. Click on the **NDAS Device Management** Icon located on the system tray.
2. Select **Register A New Device.**
3. **NDAS Device Registration Wizard** will appear. Click **Next** to continue.
4. Enter a name for the NDAS Device and click **Next.**
5. Add your NDAS Device **ID** and **Write Key**. **Write Key** is needed to write to NDAS Device. Click **Next** to continue.



- If the **Write Key** was entered in the previous step, the NDAS is registered as **Read / Write Mode**.
- If the **Write Key** was not entered in the previous step, the NDAS is registered as **Read Only Mode**.

Note: NDAS Device ID and Write Key do not contain the letter O. Please use the number 0 for all letter 0's.

6. Checking NDAS Device status.
7. Select how you want to mount the NDAS Device



Read/Write Mode: Mounts NDAS Device as **Read/Write Mode.**
Read-Only Mode: Mounts NDAS Device as **Read-Only Mode**.
Don't Mount: NDAS Device is left in **Connected (Unmounted) Mode.**
Note: Read/Write Mode will be disabled if a user did not enter the Write Key during step 5.

8. Registration is finished. Click **Finish**

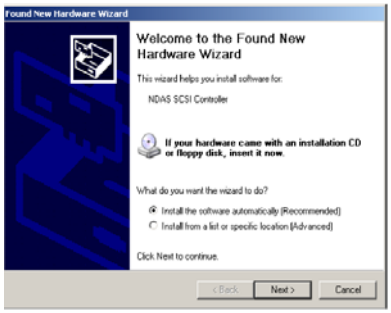
6.1.5 Add / Register a New NDAS Device without using the Registration Wizard

1. Click on the NDAS Device Management icon located on the system tray.
2. Select Register A New Device.
3. The Register a new NDAS Device window will appear.
4. Enter in a NDAS Device Name.
5. Type in NDAS Device ID and Write Key. Write Key is needed to write to NDAS Device.
   Leave the **Activate this device after registration box** checked to automatically enable the device after registration.

Note: NDAS Device ID and Write Key do not contain the letter O. Please use the number 0 for all letter 0's.

6.1.6 Found New Hardware Wizard

1. After you have registered, the **Found New Hardware Wizard** may appear.

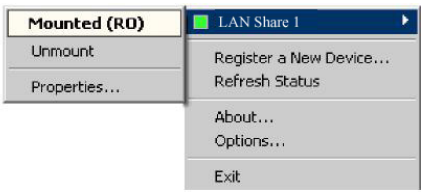


If the window appears, click **Next** to install the new NDAS Device.
It should automatically find the appropriate drivers for your NDAS Device.
Note: For Windows 2000, Upgrade Device Driver Wizard will appear instead.

2. If the **Windows Logo Testing** message comes up, click **Yes** or **Continue Anyway** to finish the installation.
3. Registration is completed.

   Click **NDAS Device Management** to see the registered NDAS Device

Read/Write Mode

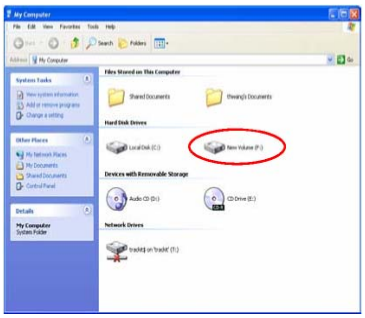


Read-Only Mode

Note: If you cannot see your NDAS Device, please click Refresh Status and check again.

4. Using NDAS Device

   Now that you have successfully installed NDAS Device, it's time to familiarize yourself with using the NDAS Device. Your NDAS Device will show up as a local drive in **My Computer.** Drive letter and NDAS Device name may vary between Personal Computers.



   You can use NDAS Device like a local drive on your PC.
   1. Drag and drop files to NDAS Device.
   2. Copy and paste data to NDAS Device.
   3. Make and delete folders.
   4. Share files and folders.
5. Backup your data

6.1.7 Sharing NDAS Device

NDAS Device is connected to your network, it can be accessed from any computer on your LAN.
To share NDAS Device, the following must occur：

Windows 2000/XP /Server 2003（32bit）Environment：

1. All computers and NDAS device must be on the same LAN.
2. NDAS device must be connected via Ethernet or Wireless Router.
3. To share **Read and Write** access, all computers on the network using the NDAS device must have the NDAS driver version 3.1.x installed.
4. NDAS device must be registered onto each computer.

Windows ME//98SE Environment：

1. All computers and NDAS device must be on the same LAN.
2. NDAS device must be connected via Ethernet or Wireless Router.
3. To share **Read and Write** access, all computers on the network using the NDAS device must have the NDAS driver version 1.x installed.
4. NDAS Device must be registered onto each computer.

Mixed Environment with Windows and Mac：

1. All computers and NDAS must be on the same LAN.
2. NDAS must be connected via Ethernet or Wireless Access Point.
3. To share NDAS each computer on the network must install the corresponding NDAS Driver.
   - On Windows XP/2000, install NDAS driver v2.4 (do not use 3.x.x).
   - On Windows 98 SE/ME, install NDAS Driver 1.x
   - On Mac OSX, install NDAS driver 1.x
4. NDAS must be registered onto each computer.
5. Write access is assigned to one user at a time and is passed from one user to another.
6. In this mode, if there have a Windows XP or Windows 2000 system already mount NDAS Device under **Read/Write Mode**, others Windows XP or Windows 2000 system in the same work group can mount NDAS Device under **Read/Write Mode** alone or at the same time, but Windows ME、Windows 98SE and Mac OS system just can mount NDAS Device under **Read only Mode** alone or at the same time.
7. At any time, any Windows ME、Windows 98SE and Mac OS system want to mount NDAS Device under **Read/Write Mode**, others computers must mount NDAS Device under **Read Only Mode**, they can't mount NDAS Device under **Read/Write Mode** alone or at the same time.

NOTE : LAN Share is preformatted in NTFS. In order to use LAN Share in mixed environments, LAN Share must be formatted in FAT32. If you use the "Disk Management" utility in Windows XP、Windows 2000 or Server 2003 to format your LAN Share,, then your LAN Share will be re-formatted in NTFS. NTFS is not a compatible file system format with Mac and Windows 98SE; thus your computers on these OS will not recognize LAN Share. You can use a third party format utility to choose the file format your LAN Share is formatted in.

Warning:

1. **DO NOT** perform disk operations **(format, partition** and **chkdsk)** when multiple PCs have the NDAS mounted.
2. NDAS Device can be formatted, partitioned, chkdsk, aggregated or mirrored **ONLY** when **one** PC is connected.
3. When sharing LAN Share between Windows 2000、Windows XP and Server 2003, perform chkdsk.

6.2 Introduction to NDAS Device Management

6.2.1 NDAS Device Status Modes

NDAS device provides users with six basic Modes.

Below is a chart describing each of the NDAS device Modes and the icons that correspond with each mode.

NDAS Device Color	Icon	Mode / Meaning
Green (Mounted RO)		**Read-Only Mode** - Users can only read from NDAS device.
Blue (Mounted RW)		**Read / Write Mode** - Users can read and write to NDAS device.
White (Connected)		**Connected Mode** - NDAS device is currently disabled on your computer and is ready to be mounted (enabled).
Black (Disconnected)		**Disconnected Mode** - NDAS device is registered but your system cannot find the NDAS device. - Power Cord, Ethernet Cord or USB Cord may be unplugged. - Make sure any Antivirus/Firewall software or Spyware is not interfering with the connection.
Red w/ Slash (Deactivated)		**Deactivated Mode** - NDAS Device is deactivated and needs to be Activated. Click on the NDAS Device Managment menu and click on Activate.
Red (Error)		**Error Mode** - There is a communication error between your computer and the NetDisk. - Power Cycle the NetDisk and reboot the computer.

6.2.2 NDAS Device Management

Click the **NDAS Device Management** located on the system tray. All registered NDAS Device(s) will be displayed on the **NDAS Device Management** Menu.

1. **When you click on the** **icon -** Lists all NDAS Devices that are registered.

2. **Register a New Device -** Registers a NDAS Device to your computer.
3. **Refresh Status -** Updates status of your NDAS Device.
4. **About -** Displays NDAS Device software version information.
   Check for Updates：Check software update.
5. **Options -** Can customize NDAS Device Management features and error messages/ dialogs.
6. **Exit -** Exits NDAS Device Management.
   NDAS Device Management can be restored by double clicking the icon on the Desktop.

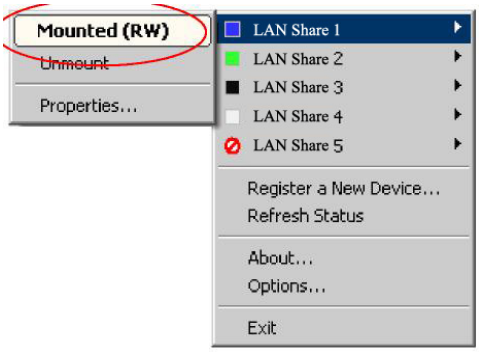
6.3 NDAS Device Functions

6.3.1 NDAS Device Management

Click **NDAS Device Management** and place the cursor on a NDAS Device to view its functions. Below is a list of NDAS Device Modes and related functions.

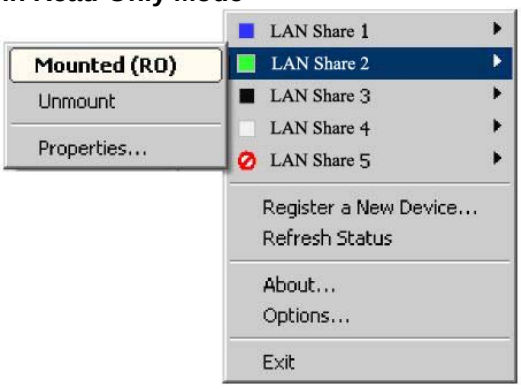
Note: The Yellow box is there to show the current mode status of your NDAS Device. It cannot be selected.

A. NDAS Device mounted in Read/Write Mode



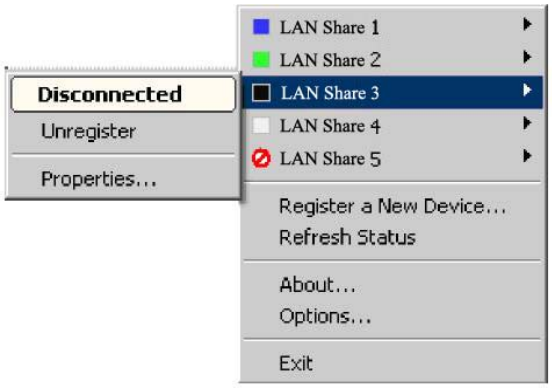
Mounted (RW) - The current state of NDAS Device.
Unmount - Enables users to change NDAS Device mode to **Connected Mode.**
Properties - Displays properties of the NDAS Device

B. NDAS Device mounted in Read-Only Mode



Mounted (RO) - The current state of NDAS Device.
Unmount - Enables users to change NDAS Device mode to **Connected Mode.**
Properties - Displays properties of the NDAS Device.

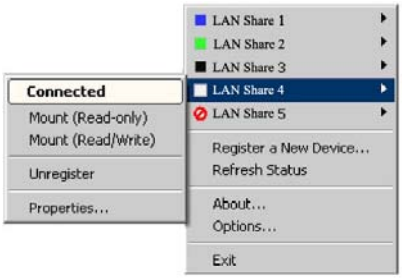
C. NDAS Device in Disconnected Mode



Disconnected - The current state of NDAS Device.
Unregister - Enables users to un-register NDAS Device.

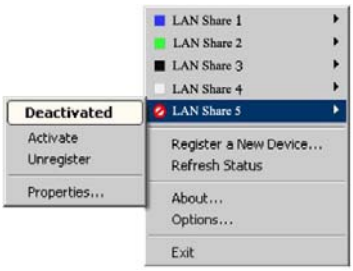
Properties - Displays properties of the NDAS Device

D. NDAS Device in Connected Mode



Connected - The current state of NDAS Device.
Mount (Read-Only) - NDAS Device can be mounted into **Read-Only Mode**.
Mount (Read/Write) - NDAS Device can be mounted into **Read/Write Mode**.
Unregister - Enables users to un-register NDAS Device.
Properties - Displays properties of the NDAS Device.

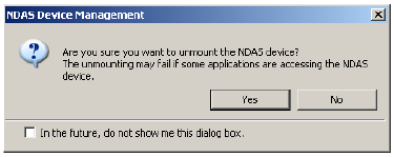
E. NDAS Device in Deactivated Mode



Deactivated - The current state of NDAS Device.
Activate - Enables NDAS Device to be activated into **Connected Mode**.
Once activated NDAS Device will be indicated by white colored box.
Unregister - Enables users to un-register NDAS Device.
Properties - Displays properties of the NDAS Device.

6.3.2 Changing from Read/Write Mode to Read-Only Mode

1. Click **NDAS Device Management** and select the NDAS Device you want to change from **Read/Write** to **Read-Only**.
2. Select **Unmount**.
3. A warning message will appear. Click **Yes.**



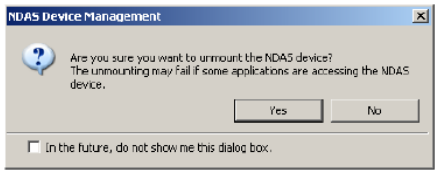
The **Blue Square** will change to a **White Square** indicating **Connected Mode**.

4. Click **NDAS Device Management** and select the NDAS Device you have just umounted.
5. Select **Mount (Read-Only)**.
The **White Square** will change to a **Green Square** indicating **Read-Only Mode**

6.3.3 Changing from Read Mode to Read/Write Mode

1. Click **NDAS Device Management** and select the NDAS Device you want to change from **Read-Only** to **Read/Write**.
2. Select **Unmount**

3. A warning message will appear. Click **Yes**.



The **Green Square** will change to a **White Square** indicating **Connected Mode**.

4. Click **NDAS Device Management** and select the NDAS Device you have just umounted.
5. Select **Mount (Read/Write)**.
   The **White Square** will change to a
   Blue Square indicating **Read/Write Mode**.

6.4 Use With LAN Share Mode in Mac OS X

6.4.1 Install NDAS Device Management

1. **Authenticate**
   Enter Admin Name and Password. Then click **OK**.
2. **Welcome to the Lan Share Installer**
   Click **Continue**.
3. **Important Information**
   Click **Continue**.
4. **Software License Agreement**
   Click **Continue**.
   If you want to continue installation, please click **Agree.** Otherwise click **Disagree.**
5. **Select a Destination**
   Click **Continue**.
6. **Easy Install**
   Click **Upgrade**.
7. **Install Software**
   When software successfully finishes install, click **Close**.
8. **Restart your computer**

NOTE：Once NDAS Device Management is installed, NDAS Device needs to be Added / Registered to your computer before you can start using NDAS Device.

6.4.2 Add / Register NDAS Device

1. Double click **Macintosh HD** icon in the install CD.
2. Double click **Applications** folder.

3. Double click **NDAdmin** icon.

4. **NetDiskAdmin** window will appear.
   - Enter **LAN Share ID** and **Write Key.**
   - Click **Add.**
   - Added NDAS Device will be displayed in **NDAS IDs** window.

NOTE：To add a new NDAS Device, repeat the Add / Register a NDAS Device steps.

6.4.3 Using NDAS Device Admin To Get NetDiskAdmin

1. Double click **Macintosh HD** icon on your desktop.
2. Double click **Applications** folder.
3. Double click **NetDiskAdmin** icon.
4. **NetDiskAdmin** window will appear.

NetDiskAdmin has six functions:
Add - Add / Register a NDAS Device to your computer.
Delete - Delete a NDAS Device from your computer.
Disable - Disable Reading and Writing to NDAS Device.
Enable RW- Enable NDAS Device into Read/Write Mode.
Enable RO - Enable NDAS Device into Read Only Mode.
Quit - End NDAS Device Admin.
NDAS Device IDs Window
Displays all the NDAS Device that are registered in the computer.
Configuration Window
Displays NDAS Device status user wants to achieve for that Lan Share.

Status Window
Displays current status of NDAS Device.

6.4.4 Using NDAS Device

Now that you have successfully installed NDAS Device, it's time to familiarize yourself on using it.
NDAS Device can be found on the desktop.
Here are few uses for NDAS Device：
- You can use NDAS Device like any other hard drive on your system.
- Drag and drop files into NDAS Device.
- Copy and paste data to NDAS Device.
- Make and delete folders.
- Share files and folders.
- Backup files to NDAS Device.

Read Only and Read / Write Mode
NDAS Device provides users with two basic functions；**Read Only** and **Read / Write**.
1. **Read Only Mode**
   - Any number of users or applications can **read** from a NDAS Device.
2. **Read/Write Mode**
   - Only **one** user or application can **write** to a specific NDAS Device at a time.
   - No other users or applications can write to NDAS Device until Read / Write Access is transferred.

Changing Read Only or Read/Write Mode
If **NDAS Device Admin** window is not already opened, double click **Macintosh HD** icon on your desktop**,** double click **Applications** folder and double click **NDAS Device Admin** icon.

Changing to Read Only Mode：
1. Select a NDAS Device from **NDAS IDs** window.
2. Click **Enable RO** button.
3. Both **Configuration** and **Status** will change to **Read Only**.
4. Now NDAS Device is in **Read Only Mode**.

Changing to Read / Write Mode：
1. Select a NDAS Device from **NDAS IDs** window.
2. Click **Enable RW** button.
3. If **Write Key** was not entered during registration, a warning window will appear.
4. Close the warning window.
5. Fill in the **Write Key**.
6. Click **Enable RW** button**.**

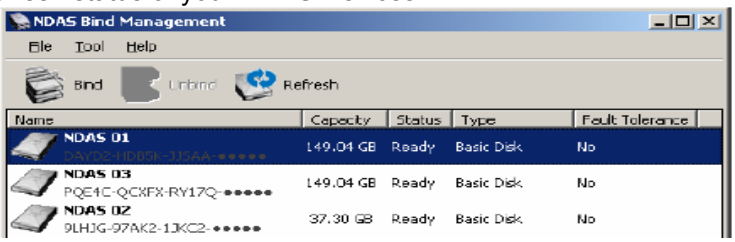
NOTE：
- If no other users or applications are using Read / Write Access, both Configuration and Status will change to Read / Write. Otherwise, the Configuration will change to Read / Write and Status will stay as Read Only.
- Until both the Configuration and Status display Read / Write, NDAS Device is still in Read Only Mode.
Status of NDAS Device will changed to Read / Write only after Read / Write Access is transferred.
- Once both Configuration and Status displays Read / Write, NDAS Device is in Read / Write Mode.

6.4.5 Uninstall NDAS

1. Start the Uninstaller by double clicking **NDAS Uninstaller**.
2. **Authenticate**
   Enter Admin Name and Password. Then click **OK**.
3. Click **Uninstall**.
4. **NDAS** has been successfully uninstalled. Click **Quit**.

6.5 NDAS Bind Management

Using **NDAS Bind Management** users can create and manage a NDAS RAID.
There are 3 different buttons in the NDAS Bind Management window.
- Bind: Used for Aggregation, RAID 0, and RAID 1.
- Unbind: Used to Unbind your Bound NDAS Devices.
- Refresh: Used to refresh status of your NDAS Devices.



6.5.1 Bind

There are three ways to bind：**Aggregation**、**RAID0** and **RAID1**.

Aggregation

- Allows any number of NDAS Device units between 2～8 to be recognized as a single large disk drive.
- Extremely useful when a larger storage device is needed.
- No fault tolerance. If one unit fails, all data is lost.

RAID0 - (Disk Striping without Parity)

- Allows 2, 4, or 8 NDAS Device units to be recognized as a single large disk drive.
- Extremely useful when a larger storage device is needed.
- No fault tolerance. If one unit fails, all data is lost.
- Type of Aggregation method used for faster performance when writing to NDAS Devices

RAID1 - Mirroring

- Allows 2, 4, 6 or 8 NDAS Device units to be mirrored at the same time.
- Fault tolerant. If one unit fails, data is retrieved from other units.
- Can also Mirror NDAS Devices that have been Aggregated.

Requirements for Bind

- Each NDAS Device must have a **Write Key**.
- Cannot Bind NDAS Device that are already Bound.
- NDAS Devices that are being Bound must be in **Connected Mode** on all PCs, including the PC which is performing the Bind.
- Bound NDAS Devices must be formatted.
- Other users can **Mount** the Bound NDAS Devices once Binding is completed.

NOTE : Aggregation、RAID0 and RAID1 can only be performed in Windows XP、Windows 2000 and Server 2003.

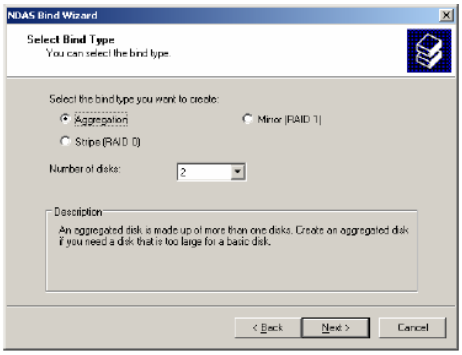
Before NDAS Devices can be Bound, they must be in **Connected Mode**.

1. Go to **NDAS Device Management**, choose a NDAS Device you want to Bind.
   - If the NDAS Device is in **Mounted Mode**, select **Unmount**.
   - If the NDAS Device is in **Connected Mode,** leave it as it is.
   - If the NDAS Device is in **Disconnected Mode**, try to reconnect it.
   - If the NDAS Device is in **Deactivated Mode**, **Activate** the device.
2. A waning message may appear.
3. Click **Yes**.
4. Wait few seconds for changes to occur. If the color of the NDAS Device does not changed to **White**, click **Refresh Status**.
5. Repeat above steps for all NDAS Device you want to Bind.
6. Make sure other PCs that are accessing the NDAS Devices have also Unmounted the NDAS Devices as **Connected Mode**.

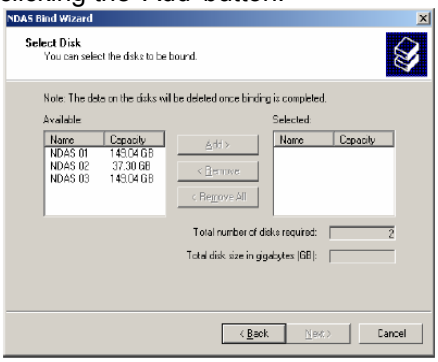
Instructions for Bind

1. Two or more NDAS Devices need to be in **Connected Mode**. All of the NDAS Devices must have the **Write Key**.
2. Go to **Start** > **Programs** > **NDAS Software** > **NDAS Bind.**
3. Click the **Bind** button.
4. Select a binding type and number of disks to be Bind.
   - Aggregation can bind any number of units between 2 and 8.
   - RAID0 can bind 2, 4 or 8 units.
   - RAID1 can bind 2, 4, 6 or 8 units.

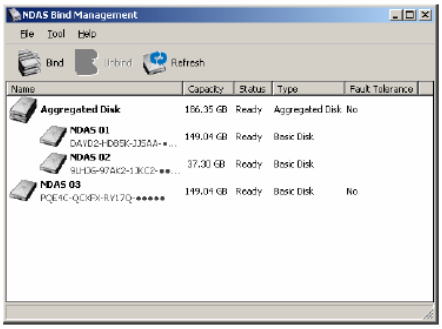
Note : Currently RAID4 is not supported.



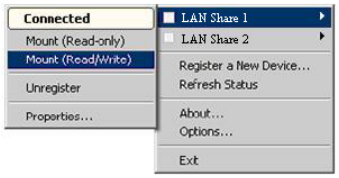
5. Move a NDAS Device from the left window to the right window by first selecting a NDAS Device from the left window and then clicking the 'Add' button.



6. Repeat the above step for the rest for the NDAS Device you want to Bind and click **Finish**.
7. Two warning messages will appear.
   - Once NDAS Devices are bound, all of the data will be lost. Click **Yes** to continue.
   - The new bound NDAS Devices must be mounted and formatted before it can be used. Click **Finish**.
   - Your NDAS Devices should now be bound



8. Go to the **NDAS Device Management** and Mount the Bound NDAS Devices.
   - To do so, select any one of the Bound NDAS Device and select **Mount (Read-Only) or Mount (Read/Write)**.



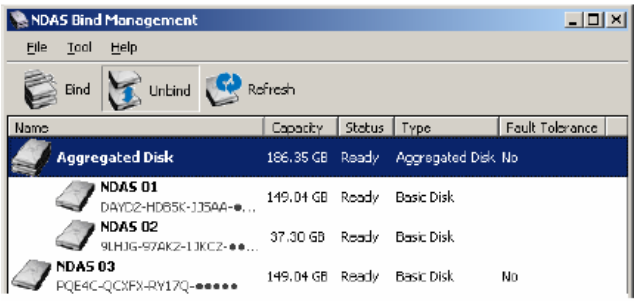
9. **Found New Hardware Wizard** may appear. Click **Next** and proceed in finishing the wizard.
10. Before Bound NDAS Device can be used, it must be formatted.

6.5.2 Unbind

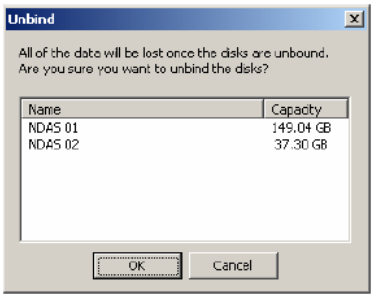
You can unbind one or all of the NDAS Devices from a bound group.

Unbind All

1. Go to **NDAS Device Management** and select a Bound NDAS Device you want to **Unbind**.
2. **Unmount** the NDAS Device by clicking on **Unmount**.
   Note : If the bound NDAS Device is in use, a warning message will appear.
   Make sure that no programs are using the NDAS Device and try again.
3. After you have unmounted the NDAS Devices, go to **NDAS Bind Management**.
4. From the **NDAS Bind Management,** select the Bound NDAS Device you have just unmounted. Click the **Unbind** button



5. **Unbind** window will appear. Make sure these NDAS Devices are ones that needs to be unbound and click **Yes**



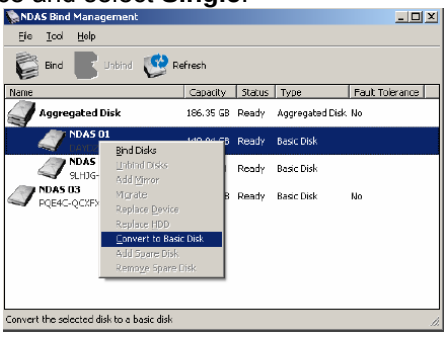
6. Two warning messages will appear.
   - Once NDAS Devices are bound, all of the data will be last. Click **Yes** to continue.
   - The new bound NDAS Devices must be mounted and formatted before it can be used. Click **OK**.
7. Now you can go back into the **NDAS Device Management** and Mount each of unbound NDAS Device.
8. Before using the NDAS Devices, please format each of the unbound device.

Unbind a Single NDAS Device

1. Go to **NDAS Device Management** and select a Bound NDAS Device you want to **Unbind**.
2. **Unmount** the NDAS Device by clicking on **Unmount**.

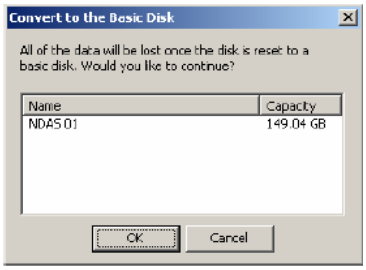
Note：If the bound NDAS Device is in use, a warning message will appear.
Make sure that no programs are using the NDAS Device and try again.

3. After you have unmounted the NDAS Devices, from **NDAS Bind Management** select one NDAS device you want to unbind.
4. Right click on the NDAS Device and select **Single**.



5. **All data will be lost** if you want to convert it to a Single disk. Click **Yes** if you want to continue.

Note：Once the Binding has been broken, you cannot re-add any NDAS Devices to the broken Bound device. You will have to recreate the Bind and format it again.



6. For formation of the NDAS Device, please refer to Chapter 9 Formatting NDAS Device.
7. When you are finished formatting, your **NDAS Device** should show up in **My Computer** as a local drive.

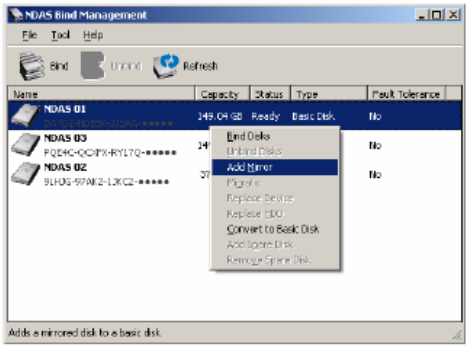
6.6 Other NDAS Bind Management Functions

The NDAS 3.11 Bind Management software also comes with new added features such as
- Add Mirror - Migrate - Replace Device - Replace HDD
- Add Spare Disk - Remove Spare Disk

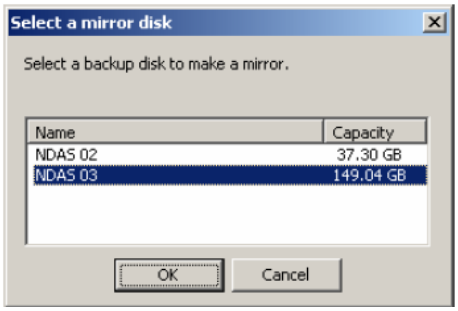
6.6.1 Add Mirror

Adds a mirrored disk to a basic disk by adding a empty disk to a original disk which is in use, you can build a RAID 1 which contains data of original disk.

1. Right click on the Disk you wish to Mirror, Click Add Mirror.



2. Select the Disk to Mirror with and click OK.



6.6.2 Migrate

Migrate needs to be done with bound disks if upgrading from a older version of NDAS Device software. Migrate makes the bind compatible with the new software. You will receive a notification if you attempt to mount a previously binded drive without Migrate first.

6.6.3 Replace Device

Replaces the selected device in RAID with another one when one NDAS device is missing or out of order in RAID 1, you can replace it with a new NDAS device. The disk in the new NDAS device should have enough capacity and will be synchronized automatically.

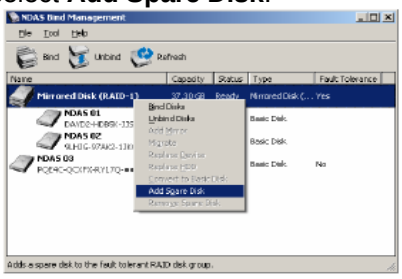
6.6.4 Replace HDD

Replaces the HDD in the selected device with another one. When one disk in a NDAS device is missing or out of order in RAID 1, you can replace it with a new disk.
The new disk should have enough capacity and will be synchronized automatically.

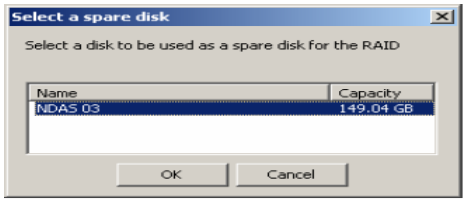
6.6.5 Add Spare Disk

You can add a NDAS device to RAID 1 as spare disk so that the NDAS device is replaced automatically when any disk in RAID goes missing or out of order.

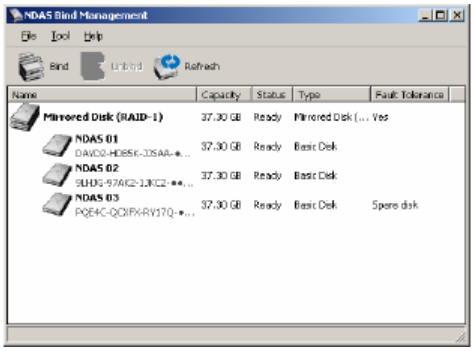
1. Right click on your Mirror then select **Add Spare Disk**.



2. Choose the Spare Disk and click OK.



3. Spare successfully added

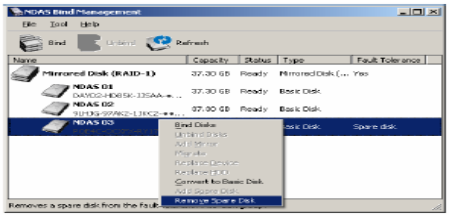


Note：If using a larger capacity drive to add to the mirror, the larger capacity will be matched to the size of the existing mirrored drives.

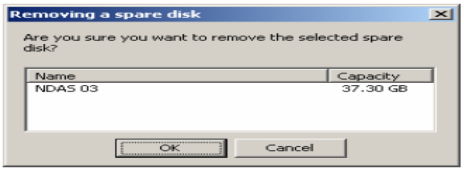
6.6.6 Remove Spare Disk

Removes a spare disk from the fault tolerant RAID disk group.

1. Right click, select **Remove Share Disk**.



2. Choose the Removed Disk and click **OK**.



6.6.7 Using Mirrored NDAS Devices

NDAS Driver 3.11 does **not** support the **Mirror** feature that have been offered by our earlier driver versions. However, the driver does recognize the Mirrored NDAS device and will display them on the **NDAS Bind Management**. Users can continue to use Mirrored NDAS devices as before. But users **cannot** modify the Mirrored NDAS devices. If so, the Mirrored devices will break.

Upgrading the driver without breaking the Mirrored NDAS device

1. Disable all NDAS devices. (both single and bind devices)
2. Uninstall the previous driver. (reboot required)
3. Install the 3.11 driver. (reboot required)
4. You may need to register the NDAS devices again.
   Note：Do not mount the NDAS Device at this time.
5. Go to **NDAS Bind Management**.
6. Right click one of the NDAS Devices and click on **Migrate**.
7. You can now mount your NDAS Device.

Using Bound NDAS device among different driver versions

If a user upgrades their driver to 3.11, we recommend everyone else sharing the NDAS devices to upgrade their driver to 3.11 as well. Once the user with 3.11 migrates the Mirrored NDAS device's binding information, other users sharing the Mirrored NDAS device will no longer have access to the Mirrored NDAS devices if they are still running older versions of NDAS Device software.

Here are some notes：

1. We recommend all users sharing the Mirrored NDAS devices upgrade their driver to 3.11.
2. Migrate only needs to be done on one computer in the network.
3. Once the Mirror NDAS device have been Migrated all other users with 3.11 can mount the drives.

6.7 Formatting NDAS Device

When formatting NDAS device all other users must be unmounted.

6.7.1 Initialize NDAS Device

1. Right click **My Computer** and select **Manage.**
2. **Computer Management** window will appear. Click **Disk Management** under **Storage**.
3. **Computer Management** window will list all the disks in the computer.
4. Find the NDAS Device you want to initialize.
   - The NDAS Device is usually indicated by **Not Initialized**.
   - If the NDAS Device is described as **Basic** or **Healthy,** skip to **6.7.2 Partition NDAS Device**. Otherwise, go to next step.
5. **Initialize NDAS Device**
   - Right click on the Disk # that pertains to your NDAS Device and select **Initialize Disk.**
   - **Initialize Disk** window will appear. Select the NDAS Device and click **OK.**
6. NDAS Device will be automatically initialized.
   - **Unknown** becomes **Basic** **.**
   Note：It is VERY important that your NDAS Device is listed as a Basic Disk and not a Dynamic one.
7. Initialization is completed.
   - Before NDAS Device can be used, it must be partitioned. See **6.7.2**.

6.7.2 Partition NDAS Device

1. From the **Computer Management** window, find the NDAS Device you want to format.
2. Right click and select **New Partition**.
3. **New Partition Wizard:** Click **next**.
4. **Select Partition Type:**
   - Select **Primary partition.**
   - Click **Next**.
5. **Specify Partition Size：**Click **Next**.
   NOTE：The partition size is automatically set. Do not change the size.
6. **Assign Drive Letter or Path:**
   - Select **Assign the following driver letter.**
   - Choose a letter for the drive from list.
   - Click **Next**.
7. **Format Partition**:
   - Select **Format this partition with the following Settings** .
   - File System: **NTFS**
   - Allocation unit size: **Default**
   - Volume Name: Enter a name for the disk.
   - Select **Perform a quick format (Recommended).**
   - Click **next.**
8. Partitioning is finished. Click **Finish**.
   - You can see the partitioned disk.

6.7.3 Format NDAS Device Through My Computer

1. Double click on **My Computer.**
2. **My Computer** window will appear.
   Right Click on your **NDAS Device** choose **Format.**
3. The **Format** window will appear with a few options.
   Check the box that says **Quick Format (Recommended)**
4. A **Warning** will appear asking if you are sure you want to format the drive. Click on **OK**.
5. Click on **OK** once the format has completed.

6.8 Uninstall

Before you can uninstall a NDAS Device, you must close all applications using the NDAS Device. NDAS Disk Management, NDAS Bind Management, Windows Explorer and Internet Explorer must also be closed.

1. Close **NDAS Disk Management** by selecting **Exit**.
2. Uninstall NDAS Device.
   - Go to **Start > Programs > NDAS Software > Uninstall NDAS Software**
   - **Windows Installer** will appear. Click **Yes** if you want to continue. Otherwise click **No**.

   NOTE：A warning window may appear if any of the NDAS Device is still in mounted state. Click Cancel and unmount the NDAS Devices.
3. Restart the PC once uninstall is finished.

6.9 Use NDAS Device in Linux

Please go to below web site to download driver and user menu.
http://www.ximeta.com/web/support/download/linux/index.php

7. FAQ

Media File Playback

1. I can see files when connected with the computer but can't see them on the TV ?
A : MU-7000AV can only recognize FAT32 partitions. If the hard drive is partitioned using NTFS, No files can be displayed on the TV.
2. I Cannot format the hard drive larger than 32 GB (FAT32) using Disk Management under Windows XP ?
A : That is the limitation by design of WinXP. You need an additional formating utility to do the format for you. You can find a very useful program as below.
3. I Cannot detect MU-7000AV when I connect to a Win98 computer ?
A : USB drivers have to be installed for Win98 systems to recognize USB devices. The Driver is included in the package.
4. Does MU-7000AV support multi-partitions ?
A : Yes, no problem it does.
5. Why can I not play some AVI files ?
A : Some AVI files use non standard video codecs. MU-7000AV has all the standard video codecs loaded in the firmware. You need to update the firmware in order to play those files.
6. What is DivX® ?
A : DivX is high quality and most commonly used video compression/decompression(codec) technology used for video distribution format. MU-7000AV can decode DivX® 3.x, 4.x and 5.x without any problem.
7. What are RM or RMVB files ?
A : RM/RMVB is the file format developed from Real Network, MU-7000AV cannot play these files.
8. Where can I find some more resources about DVD backup ?
A : This is a very good web http://doom9.cdpa.cc/. You can find most video utilities and backup tools. They have some excellent user guides about subtitles too.
9. What is the biggest file size for FAT32 partition ?
A : File size is limited to 2GByte by design.
10. What TV standard does MU-7000AV support ?
A : MU-7000AV supports both NTSC and PAL.
11. Why does my TV screen display in black and white and jump continuously when I play video file ?
A : Please confirm what kind the standards of your TV and setup it correctly.（Please refer to page 27）

NDAS

General

1. For NDAS mode, do I need drivers installed on each computer using NDAS ?
Yes, the drivers need to be loaded on each computer that wants access to **NDAS**. However, if you are using Windows Sharing, only one computer will need the software installed. The other computers will not need it.

LAN Share for Windows 2000 / XP / Server 2003

1. I am having trouble using Multi-write over wireless connection. What do you recommend ?
Try a wired connection for our 3.X drivers and compare how it works. If you are using wireless with other computers, we recommend enabling the hard-wired computer first, then the wireless computer. When using wireless, we also recommend 802.11g. When using 802.11b, we highly recommend hardwiring your computer when doing large file transfers because of the low bandwidth associated with 802.11b.

2. How should I format NDAS ?
Please refer to Chapter **6.7 Formatting NDAS Device.**

3. How do I disconnect NDAS ?
We always recommend using the Disable option from your NDAS Device Administrator Tool if connected via NDAS (Ethernet). You can use the "Unplug or Eject Hardware" icon in your System Tray to stop the LAN Share before disconnecting (this applies to either USB or NDAS mode). Close all windows that may be accessing the **NDAS**.

4. When I try to write to NDAS, I get the following error message: "LAN Share is being used by non-compatible software on another PC. You can use read-access only for now." What does this mean ?
This means that there is another computer on the network that has a different version of the NDAS software installed. All machines must have the same exact version of our software. Please make

sure that all computers have the same exact version of NDAS software installed.

5. Why can't my computer go into hibernation or standby？

You must have customer select the Allow suspend/hibernation box from the Options menu in NDAS Device Management.

6. When I try to copy something to my NDAS, why does the following show up: "Cannot copy NDAS Administrator: The disk is write-protected. Remove the write-protection or use another disk."？

You do not have Read/Write access. Click on the NDAS Icon in your bottom-right system tray. Go to your NDAS and then click on "Enable Read/Write."

7. Why can't I format my whole NDAS to FAT32？

Windows 2000/XP/Server 2003 comes with a limitation of only 32GB partitions that it can create. This is a Windows limitation and the only resolution is to use a 3rd party partitioning software or use a Windows 98SE/ME computer to format the entire drive to FAT32. With our Multi-Write drivers, NTFS is recommended anyways for stability and performance purposes.

LAN Share for Windows 98SE/ME

1. How do I disconnect NDAS？

We recommend using the Disable option from your **NDAS** Administrator Tool if connected via NDAS (Ethernet). You can also use the "Unplug or Eject Hardware" icon in your System Tray to stop the LAN Share before disconnecting it (this applies to either USB or NDAS mode).

2. I have just installed NDAS, why does NDAS show up as a red color？

Try turning off your MU-7000AV power cord, wait about 10 seconds, and turn it on. If this doesn't work, try restarting your computer as well.

LAN Share for Mac OS X

1. How do I disconnect NDAS?

To disconnect **NDAS**, we always recommend using the Eject option. If you CRTL+click on the **NDAS** on your Desktop, then you will be given an option to Eject the **NDAS**. After that, you can go into LAN Share Admin and Disable your **NDAS**.
If you are using USB, then Ejecting the **NDAS is all that is needed.**

2. How should I format NDAS？

It is recommended to format LAN Share to Mac OS Extended format. If you also have a Windows computer as well, and would like to use it between the two, then you must format it to FAT32 for it to be recognized on both computers. You may need a 3rd party partitioning utility to format the entire drive to FAT32.

Aggregation & Mirroring

1. What is the maximum number of LAN Share that support aggregation？

Aggregation can currently be done using eight (8) NDAS units

USB

1. My LAN Share shows up as a Black dot when used with USB.

When used with USB mode, the software is not needed, therefore you will see a black dot (disconnected) in the system tray as that is an indicator for NDAS (Ethernet) mode.